

B1 disorder is multiple myeloma or bone metastasis from a tumor selected from the group consisting of mammary carcinoma, lung cancer, prostate cancer, thyroid gland carcinoma, renal cancer, colon cancer, cancer of the digestive tract, and cancer of the esophagus.

Please add the following new claims:

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Claim 13. A method for treating a bone disorder comprising administering an effective bone disorder treating amount of interferon β or an interferon inducer to a patient suffering from said bone disorder; wherein the bone disorder results from a disturbance between the relative balance of bone resorption and bone formation.

Sub D'
Claim 14. The method for treating a bone disorder according to claim 13, wherein the bone disorder is selected from the group consisting of Paget's disease, rickets, osteoporosis, metabolic disorder, bone fracture, osteomalacia, osteopetrosis, osteoarthritis, osteogenesis imperfecta, diseases related to hormonal disorders, autoimmune disorders and periodontal diseases.

Claim 15. The method for treating a bone disorder according to claim 14, wherein the hormonal disorder is selected from Cushing's syndrome and hyperparathyroidism, and wherein the autoimmune disorder is rheumatoid arthritis and wherein the periodontal disease is alveolar bone disorder.
